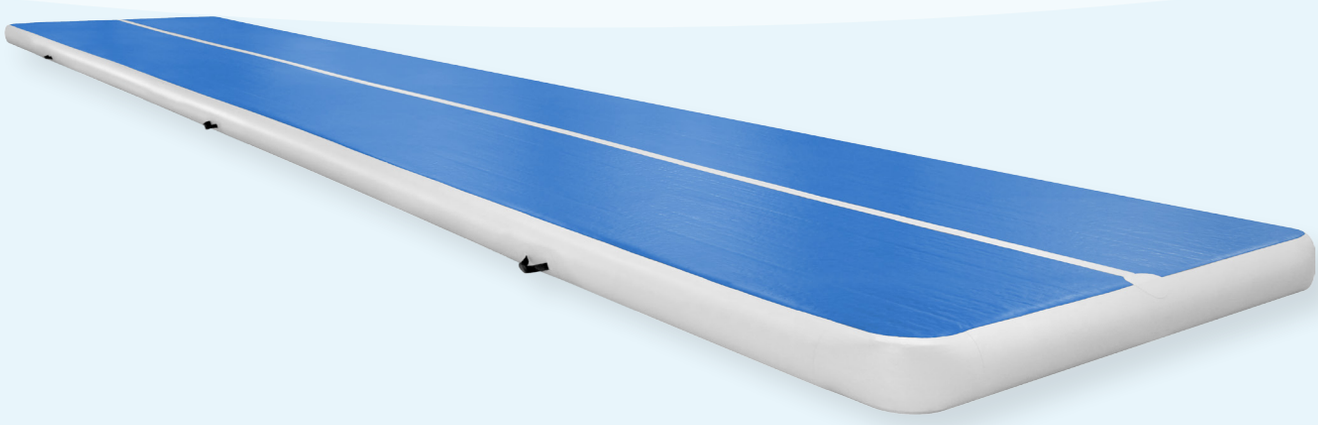
AirTrack Factory

User manual



Enjoy your

AIRTRACK

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1 Introduction

This manual describes how to use AirTrack Factory's products.

Please make sure to read through the safety instructions carefully before using your AirProduct. Should anything be unclear, do not hesitate to contact us using the information at the bottom of each page.

We hope you enjoy your new equipment!

AirTrack Factory

2 Safety instructions

These instructions apply to all inflatable products from AirTrack Factory. These products will be referred to as 'AirProducts' or 'the equipment'. AirProducts are designed as training equipment for gymnastics, cheerleading, tumbling, school sports, showgroups, martial arts, parkour, freerunning and tricking.

- **USE AIRPRODUCTS ONLY FOR THEIR INTENDED PURPOSE.**

- An AirProduct can only be installed by a qualified instructor.
- Use the equipment only under the supervision of a qualified instructor, who is responsible for the proper and safe use of the AirProduct.

- Do not wear shoes while on an AirProduct for they may damage the surface.
- Never place an AirProduct near overhead obstructions, such as trees or power lines, nor place the equipment on a slope greater than 5%.
- Do not bring any sharp items on or close to the AirProduct.
- Do not jump or land closer than 20 cm to a valve.
- Assure that the AirProduct has sufficient air pressure to avoid injury. Recommended air pressure levels can be found in this user manual.
- Do not use the AirProduct without using landingmats on both ends. For safety reasons, also put landing mats on the sides.

- The area on which the AirProduct is placed must be clean, dry, flat and free of obstacles.
- Always set up the AirProduct in the same area where you will be using it. When changing the location, do not drag the AirProduct over the surface but carry it by the handles.
- Do not use the AirProduct in humid areas, electrocution may occur.
- Do not use the AirProduct in the rain. While inflating the equipment, electrocution may occur and also the surface will be slippery which can cause injuries.
- When setting up the AirProduct outdoor, use a groundsheet to avoid damaging the AirProduct.
- Never pack, store or transport the AirProduct when it is wet.
- The AirProduct is cleaned with water and soft soap. Do not use industrial cleaning products.

- Never use a damaged AirProduct.
- Never leave an AirProduct outside unattended and keep the air pressure under the maximum values described in this guide.
- Be aware that AirProducts are not designed as landing mats.

3 Usage instructions

AirProducts are designed as training equipment for gymnastics, cheerleading, tumbling, school sports, showgroups, martial arts, parkour, freerunning and tricking.

Due to their bounciness they are ideal for training skills that require airtime. However, this bounciness also renders the airproduct unuseful as a landing mat. AirProducts are no replacement for landing mats or foam pits.

Sportsmen of any skill level, age, weight and size can use the AirProducts.

Recommended air pressure levels

Mat thickness	Minimum	Standard	Maximum
10 cm / 4 inch	70 mbar	100 - 140 mbar	200 mbar
20 cm / 8 inch	40 mbar	70 - 110 mbar	110 mbar
33 cm / 13 inch	30 mbar	50 - 60 mbar	80 mbar

Above pressure levels can be used as a guideline but the optimal pressure level greatly depends on the skill level and weight of the users, as well as the type of sports and preferred effect.

The bounciness of the AirProduct depends on how much pressure you put in it. If filled up to the maximum pressure, an AirTrack can feel exactly like a dead floor (which is useful for competition training). Inflating it to a standard level will make it optimal for low to mid level training, while inflating it to a minimum level will make it more fun for recreational purposes.

Note: It is impossible to over-pressurize an AirProduct with the blowers we supply. To prevent damaging the AirProduct, never use a blower other than the one supplied with your equipment.

4 Set-up

! Please make sure you have read the safety instructions before proceeding to set-up your AirProduct.

1. Pick the right location for the AirProduct. To prevent damage, make sure there is no debris in the area. If you're using the AirProduct outside, always use a ground cover.

2. Move the AirProduct in its transportbag to the desired location.

3. Take the AirProduct out of the bag and make sure it's unrolled far enough to reach all the valves. Further instructions depend on the kind of valves on the AirProduct:

AirProducts with black valves

4. **Make sure the small grey valves are closed (pin out)** and open one of the black valves.

5. Attach the grey tube to the Hitachi blower (as shown above) and insert it into the black valve.

AirProducts without black valves

Make sure the small grey valves are closed (pin out).

Connect the OV10 blower's adapter to the grey valve by twisting it in.

6. Turn on the blower and wait for the AirProduct to reach the desired pressure.

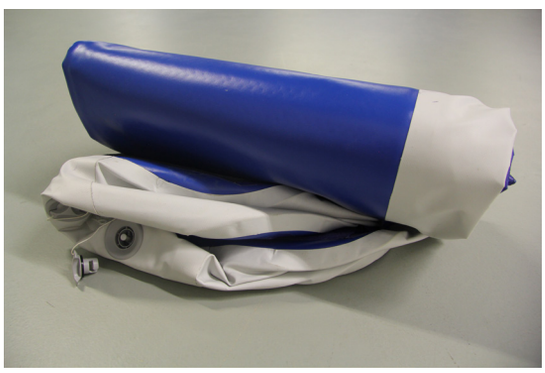
7. Turn off and disconnect the blower. Using the black valves? Be careful not to damage the screw thread by forcing the cap on. Block the airflow with your hand before closing the valve. Close the valve.

8. Use the Hitachi's black adapter or an OV10 blower on the grey valves to fine-tune the pressure. A manometer helps determine the perfect pressure.

9. Enjoy your AirProduct!

Below: Inflating an object **without** black valves.

1 - 3.



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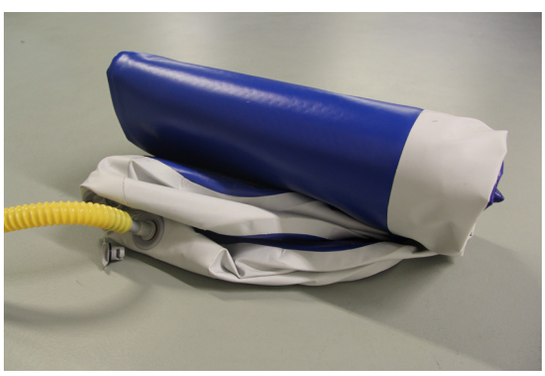

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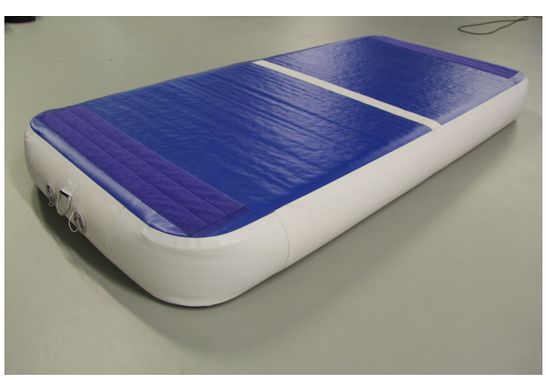

Below: Inflating an object **with** black valves.

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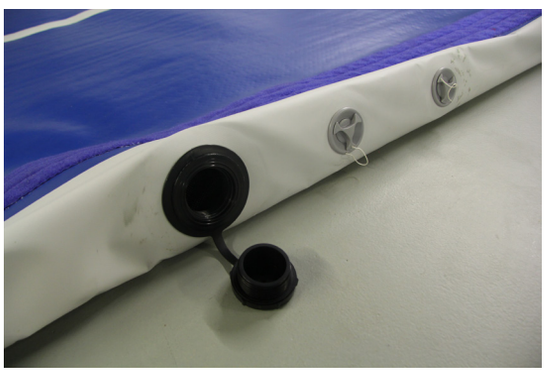

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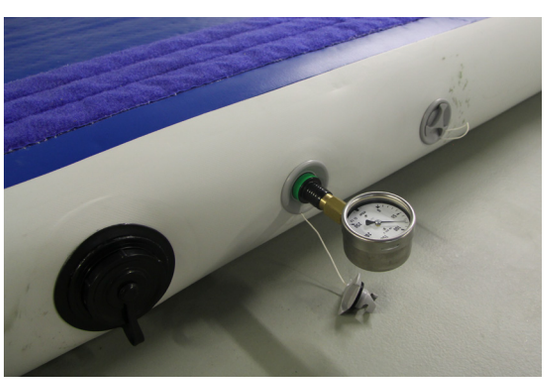

5 Packing

1. Open all valves to start the deflation. Start folding or rolling up the AirProduct to speed up the deflation. The blower can be used to deflate the object more rapidly. Simply attach the blower's tube to the deflation side of the blower (see pictures below).

2. When most of the air is out, fold the AirProduct so the width matches the transportbag. For regular AirTracks this means you should fold the sides towards the middle line and then fold it once more.

3. Rull up the AirProduct towards the valves so they remain unblocked for as long as possible. The tighter you roll up the object, the easier it will be to transport it.

4. **IMPORTANT**: After rolling up the AirProduct make sure to close all valves! This prevents the caps from damaging the valves' screw thread. Use the black strap to keep the mat rolled up tight.

5. Slide the bag over the roll and flip it, or lift the roll into the bag. Close the Velcro flaps, then the other flaps and close the bag by tightening the straps.

6 Problem solving

1. **Does your AirProduct seem to be leaking?**
Make sure that all valves are closed properly. The pins inside of the grey valves are often left open (pin in) when the cap is placed on the valve, which means the valve will still be leaking air. Always make sure the valve is closed (pin out) before placing the cap on it.

Still leaking? Please note that our products are not 100% airtight. It is normal for an AirProduct to lose some pressure over time and you may need to refill them a few times a day.

2. **Can’t fit the AirProduct back in its bag?**
There are a few things you should pay attention to when deflating and rolling up your mat.

First of all, we recommend using the blower to get the last bits of air out of the equipment. Connect the blower’s adapter to the input side of the blower (Hitachi: on the side, OV10: on the back) and deflate until the AirProduct is flat.

Also, be sure to keep the width of the bag in mind when folding up the AirProduct. Place the bag at one end of the mat and match the folds to the bag’s width to fit it in perfectly.

3. **A black valve seems to be leaking.**
Black valves are equiped with a rubber inlay that prevents air from escaping. This ring may sometimes come loose and slightly pop out of the cap. Closing the valve in this condition may cause the rubber inlay to take permanent damage. Please contact us if you require a rubber ring replacement.

Before closing the black valves, check if the rubber inlay is still in its correct position. The pictures below show the rubber inlay in its correct (left) and incorrect (right) position.

7 FAQ

Q How long does it take to inflate an AirProduct?
A All AirProduct are inflated within 4 minutes thanks to our high performance blowers.

Q Is there a chance of damaging an AirProduct by over pressurizing it?
A No, the extreme pressure needed to actually damaging an AirProduct can not be reached with the blowers we supply nor the excersices you would do on it.

Q 24 Hours after inflation the airtrack is not hard enough anymore, do I need to repair this?
A AirTracks are not designed to maintain their pressure overnight. Because of differences in temperatures it loses a bit of air and therefore inflating it once per day is not unusual. When you have doubts, please contact us for a professional opinion.

Q What is the lifespan or your products?
A Obviously this will depend on how the products are used and in what frequency. A lifespan of more than 7 years is definitely not uncommon.

Q What guarantees do you give on your products?
A We give 2 years guarantee on our products. Transport costs are not included. Please check our terms of delivery for more detailed info.

Q When our AirProduct is leaking, how can you help us?
A A puncture in the surface or damage to a seam could cause your AirProduct to leak.
For both options we have a solution that is both simple and cheap. You do not have to send the equipment back to us; we will send the repair material to you or assist you in purchasing it locally. Repairs take no longer than 10 minutes.

Q What is the difference between these AirTracks and the old Tumble Tracks?
A The new generation AirTracks from the AirTrack Factory are very airtight and the pressure can be regulated. Therefore you do not need a big, expensive blower that makes a lot of noise and ruins your training. A small handblower is enough to inflate even the biggest AirTracks within 4 minutes. Also, the AirTrack resembles the real gymnastic floor much better because it’s flatter.

Contact

Should you have any questions or comments regarding this manual, please do not hesitate to contact us.

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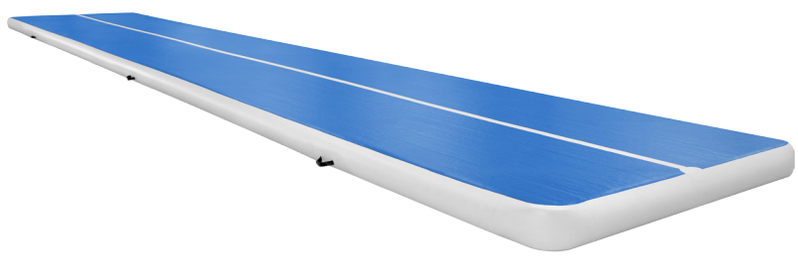

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